

AMENDMENTS TO THE CLAIMS

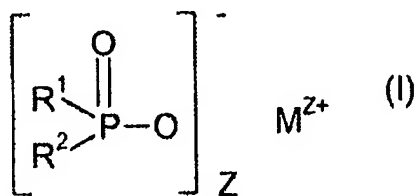
This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-14 (Cancelled)

15. (New) A composition based on a thermoplastic matrix having a flame-retardant system, comprising at least:

one compound (F1) of formula (I):



in which:

R¹ and R² are identical or different and represent a linear or branched alkyl chain comprising from 1 to 6 carbon atoms and/or an aryl radical; M represents a calcium, magnesium, aluminum or zinc ion; Z represents 2 or 3;

one compound (F2) which is a reaction product between phosphoric acid and melamine and/or a reaction product between phosphoric acid and a melamine condensation derivative; and

one compound (F3) which is a melamine condensation derivative;
said composition comprising at least 13% by weight of compounds F1 and F2, preferably at least 15%, with respect to the total weight of the composition.

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16. (New) The composition as claimed in claim 15, comprising from 1 to 50% by weight of the flame-retardant system comprising at least the compounds F1, F2 and F3, with respect to the total weight of the composition.
17. (New) The composition as claimed in claim 15, comprising from 1 to 30% by weight of compound F1.
18. (New) The composition as claimed in claim 15, comprising from 1 to 20% by weight of compound F2.
19. (New) The composition as claimed in claim 15, comprising from 0.1 to 20% by weight of compound F3.
20. (New) The composition as claimed in claim 15, wherein the phosphinic acid of the compound F1 is dimethylphosphinic acid, ethylmethylphosphinic acid, diethylphosphinic acid, or methyl(n-propyl)phosphinic acid.
21. (New) The composition as claimed in claim 15, wherein the compound F2 is melamine polyphosphate, melam polyphosphate, or melem.
22. (New) The composition as claimed in claim 15, wherein the compound F3 is melam, melem, or melon.
23. (New) The composition as claimed in claim 15, wherein the thermoplastic matrix is (co)polyamide; mono- or diolefin (co)polymer, polyurethanes, polymers comprising halogens, polymers derived from α,β -unsaturated acids, unsaturated polymers, vinyl polymers and their copolymers, polyacetals, poly(phenylene ether)s, poly(phenylene sulfide)s, polyureas, polyketones, polyimides, polyesters, polycarbonates, polyester carbonates, polysulfones, or polyether sulfones.

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24. (New) The composition as claimed in claim 23, wherein the thermoplastic matrix is polypropylene, polyisobutylene, polybutylene, polybutadiene, polyethylene; polystyrene, poly(p-methylstyrene), poly(α -methylstyrene); styrene/butadiene, styrene/acrylonitrile, styrene/maleic anhydride, polychloropropene, polyacrylate, polymethacrylate, polyacrylonitrile, polyacrylamide, poly(vinyl alcohol), poly(vinyl acetate), poly(vinyl alcohol), poly(vinyl chloride); polyoxymethylene, poly(phenylene oxide)s, poly(ethylene terephthalate), or poly(butylene terephthalate).
25. (New) The composition as claimed in claim 23, wherein the (co)polyamide matrix comprises (co)polyamide 6; 4; 11; 12, 4.6; 6.6; 6.9; 6.10; 6.12; 6.18; 6.36; 6(T); 9(T); 6(I); or MXD6.
26. (New) The composition as claimed in claim 15, further comprising reinforcing fillers which are glass fibers, carbon fibers, inorganic fibers, ceramic fibers, heat-resistant organic fibers; inorganic fillers, inorganic nanofiller.
27. (New) The composition as claimed in claim 26, wherein the reinforcing fillers are wollastonite, kaolin, clay, silica and mica, or montmorillonite and α -Zr phosphate fibers.
28. (New) The composition as claimed in claim 15, further comprising flame-retardant agents or agents which are synergistic with the flame-retardant system.
29. (New) The composition as claimed in claim 15, wherein the flame-retardant agents or agents which are synergistic with the flame-retardant system are ceramic powder, magnesium hydroxide, hydrotalcites, magnesium carbonates, alkaline earth metal carbonates, zinc oxide, zinc stannate, zinc hydroxystannate, zinc phosphate, zinc

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borate, zinc sulfide, aluminum hydroxide, aluminum phosphate, red phosphorus,

melamine, or melamine cyanurate.

30. (New) A process for the manufacture of a composition as defined in claim 15,

comprising the step of blending the thermoplastic matrix with the flame-retardant

system comprising at least the compounds F1, F2 and F3.

31. (New) An article of manufacture comprising a composition as defined in claim

15.